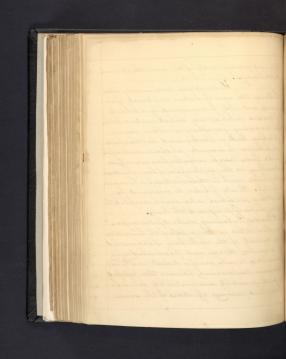
Inaugural Efray, Hamoptysis. Submitted to the Examination, Trustees and Medical Professors, Mniversity of Benneylvania;
Megne of Godeo of Medicine;
William Gavis
of Lenneylvania. Exempeation porthoned March 15th 1823 Paper March 27th 1823



## Hamoptysis

I seen we profect on the size of the blood of fele entering the langes and on this Minimuchet expension of the absolute and in this person on the subject of the absolute and involved in the collular fact of the absolute and involved but little seeistance, the Jugueney of him bor hay from theed viceus gandows be sooned at the cheek blood viceus gandows be sooned offset on the hay the blood is trushed up by out hong the can be had little stadt that it promisely from the lange, there are forevore as a late to be mentally on the lange, the core foreign to take other in the lange to the histories is interested, to enable us to deter-

= mine whether it proceeds from the fauces,

Surrelitorius.

the adjoining cavity of the nose, the stomach, or the lungs! Hamsplysis most usually arises between the ages of Sixteen and twenty five years, and may be occasioned by a bedricty of causes such as any violent exertion lither in running jumpling, wustling, singing speaking louds, or blowing wind instruments, as likewise by wounds, plethona, want refully hectic Leves, Caugh, inegular living, excelsion drinking, or the suppression of some accustomed discharge; such as the moustrual or hamon = - hoidab. A may likuise be occasioned by breathing air which is too much rarifies to be able properly to expand the lungs. Lessons Habouring under defective confor-- mation either in the refsels of the lungs, or in the capacity of the chest, being distinguished by a narrow thorax and prominent shoulders, or who are of a delicate make and Sanguine temperament likewise those possessed of great susibility and initability Lild who have had previous affections of the same

We time, or the discharge undusce

disease, seem much pudispessed to they seemen hages, but in these the complaint is often brought on by the consumence of the various occasional and existing rouses before mentioned. It shiften of blood is not however always to be considered as a primary disease. It is often up a symptom and in some disease, when the word as planning and in some disease, or often wines and is the pressure of a favourable termination.

Symptoms.

In this disease, as in many others, ever find to state towned by It Mullen the welfer, and papered the of the retirmities, bear in the back and loine, I flatalency, continuely and labitude, we reduced of the face particularly the checks accompanied by a pain and sobretimes as business made in the branch difficulty of becathing and frequently, a saltish tast is preciously in the mouth. Offer the symplemy

were nave recommence than those him

have continued for a longer, or a shorter time a tickling sensation is experienced in the trached, altended with a tufsicular or as slight hacking cough followed by a dis-- charge of blood of a florid and frothy applanence producing a noise similar to air passing through a fluid. The blood brought up in this manner is generally at first in small, but in some bases from the very commencement it appears in large quantities, and not preceded by the fine = = monitory symptoms appearing unddenly and returning at states periols. The pulse in this state of the disease is Juguently quick, and tense; sometimes full and round without tousion.

If the disease has continued for any length of lime, or the discharge harfine state, the second or profine state, Make their spreamanes, the pulse hading mall and present the difficult of bracking continues to an alcuming degree, the face both, the extremities convuling strength face both, the extremities colors spragge, themore, convuling

and lastly death.

Diagnosis.

When blood is thereon out from the mouth; it is not always easy to determine from what internal front it proceeds. It however man is done by attending to the following considerations. When blood products from the James or prosterior name it is from the most pant trong the up by have from and process or prosterior we have it offer in one powers, to delich the blusting refer my

The conver hagies from the James are a more nave recovering than there from the lange, and are seldom attended with Javes.

When they preced from the stomach, they may be known by the absence of the very little with pain, mentioned above a source of week and prime that viscour; from the stowards and grammas apricance of the discharge, from its being mind with a little discharge, from its being mind with a limentary medite, and by its

on her it is unexablismed this the

being unattended by cough, and usually in larger quantities.

Trognosis.

Tavourable, when it arises from external violence, more so when it occurs in consequence of some sup = - pressed evacuations as the menses ins women and the hamour hoids in meng and where the blook is small in quan-= tity, and of a bright red colours and not followed by eough, dy spraces, pains or other affections of the lungs. It is thought salutary, when it occurs as as bymptom of a prevailing epidemics as plague, yellow, five small pop te. thereby ploving a solution of the disease. Unfavourable, when it wises from heleditary predisposition, or mulconformation of the pulmonary

system.

in The wind playing bear it is the mand to Tind the later is well time

though it must in general be large; and in Some cases its effects approximating to syncope, which however will not be often necessary, since we are plentifully Jurnish -ed with agents sufficiently active to suppress is, without carrying vent section to so great an extent; nevertheless there should be taken away at once by a large orifice as much as will subdue arterial action. Nitre, from its refrigerating and sectative effects, is eminently suited to the own of harmonhagies; it should be prescribed in small doses and frequently repeated. This medicine is found especially useful in homophysis; and it is of more service than miniate of Sodal or common sals) from the latter, in many instances being too stimulating and always leaving the patient, liable to a recurrence of the Complaint. Dut, the latter is sometimes used with advantage, for I agree with Do Hush that a large dose of it will very effectually stop a cofficers bleeding from the

and other newhole me been

lungs, and it is always at hand where other remedies cannot be procured. Vacchanum Saturni. This med = cine has long been used in hamour hagies; but the cautions of Sie Gronge Baker, and others, concerning its deliterious quality, brought it into disuse. To the late 60% Batton the oredit is due, of dissiprating those false alarms, and reviving the use of this remedy, which is of almost unequal Led value in hoemon hagies, both of the active and passive kind. Dr Hay nolds of London used it with great success in the case of a young gentleman in homoptysis in the folclowing form. Of Jacch: Sat: gri The day Conserv: Ros: 19: 11 Linet: Thebe gut iii The dose was increased in two days to double the quantity. Before taking the above prescription, he had been blod soverab

times, hitre and other neutrals had been administered freely, and an absternious

diel observed. This pulse 108 in a minute, in forme days his bulse became soft, les full and beat yo in a minute, his harmowhage ceased on the fourth day after taking the fills. Professor Chapman, whose practice with this anticle has been very oftensive, and to whom we are indebted for many useful and important observations on its properties, recommends it as a valuable and powerful remedy in utorine and other hamourhagus. The largest quantity that he gave was half a deachine in the twenty four hours. He obser = ves, that it will, however be found, in general, that two or three grains given three or four times a day will be amply sufficient; for it is rarely necessary to transcends nine on tou in the wenty fower hours. It should never be continued longer than there or four days at as time, as by a longer continuance of its use, back consequences hight ensue. The always combines it with a small quantity of opium, and supposes that it may be given in larger doses with, than without this narcolic.

In Justine conformation of theo utility of this medicine in the cure of homophysis, I beg have to relate the particulars of the Hollowing case which came under my observation last Spring, on the 15th May I was called on to visit Thomas Gray aged twenty five years, he followed the hack of a shoemakers, and had been subject to fores = midable attacks of this disease. He had on former occasions been succepfully treater by D= Thomas & Dans of Chester County Pa but that physician having Thinself become indisposed referred this patient to me. Several days having elapsed before I saw him, in consequence of the patients anxious desire to beattendo by his former physician. Upon seeing Thing I was almost deterrid making any effort to relieve him so desperate old the case appear, I was informed by his friends that he ejected, by coughing and gently forcing the air from his lungs. at least a pint and a half of blood daily

since the 19th he had not slept for the days an pight, nor was he able to ne show in a thorisontal perture, he had no appretite, his strongth was capielly declining, and it was especify that he could not survive many hours. I seek be phicise in relating the treatment. He took for grand or the treatment. He took for good or or could be to the south and with the former was

the treatment. He there fine grains of Sarch state with the fourth of a grain of of prince when the fraction he was a latter to the medicine he was anabled to be a few hours with rensiduable were, and the himmorrhay was a for what wind that the opportunities were much so bough shink a view to with blood. Deteral mixtures were proof and other remedies were prescribed to determ and other remedies were prescribed to determ his structh, which was accomplished in a street free which is a second limber of the second for the structure of the second for the secon

cares of homeon house The selebrated buller beredoor impropherly rejected it in homeoptifity since the appointual of other physicians has been and that it impliced Charlies are

ench as to rank in this diseased may be given above, or in combination with think . The newtry preparation, however, is in the Jerms of when for preparation framether of this a water fall full may be given only take a three hoods and the spifence fof the case may region. While waing this most among if with the wing the bowels gently ofens, for this propose proposed way the moderne of the they care ill adapted, as they carry of with them the medicine that is employed. Plusters an Much proceed properable, and in order that they may be more iffectial, the whould be of a stimulating materies.

And further means in a critical case through much to told applications to the through and the arm fither arm fither and the arm fither and the applications prove very secretable. The particults around should also be until continuous man this should also be until actionable and the armitished around about all cold, and the armitished many mentional may be added another days, very fully

accredited by no small proportion of practition-- us. It is the narcoties to which Sallude. The mactice of using them on this occasion origi= = nated in Germany. The principle which Tiest dictated there use, was to quiet initation no striking advantage, is obtained, from either the houbane or hemlock. But ofseem prome mises a great deal in these cases. What might be the effect of a very large dose of it, in the very commencement of hamoptysis, is as yet quite problematical. That it has done good, when thus prescribed, we are not with out some direct proof. Nov is the collateral evidence altogether to be overlooked. It is now admitted, that one of the most effect - tual remedies in certain cases of uterine hamorrhages, is to sut the system completely under the impression of an operate. But it will be asked, is not opium a stimulant, and can it be proper to give it, where there is an active and disturbed circulations. To this it may be replied, does not every surgeon, after an operation, to quick the patient and prevent

hamenlage, used to opium, though a very high degree of casular action may preadle at the time? The fact is it should be constantly beau in mini, that it follows be constantly from in the should be opium is a stimulant. But it is also possible of powers, by which it is enabled to do a long installing of that it is sometimes were useful each ot that it is sometimes were useful conclusion in homeofuly is, it answers that midicine in homeofuly is, it answers hely whom there is a great installing of the pulling of the full of the pulling of the pulling and the property with a cough.

by It bewird of Liverpook as being of great, withit in without however have greatly when the country of the system has been previously natured by activities from that till continue so great as to require from the affects by bloom of the patient court not be affects by bloom letting, then the digitalis may be governett

advantage. But should not be given in the desease unter consideration, before very section has been Juquently Journiss, at the same time it is

necessary to apply blistons.

Blisters, are among the most office carious measures for tinating the demand at they are never to be used until the energy the activat yether has been provincing relieved by bloodletting and the antiph logistice regimen. They are servousle, applied to the laists, but the last is the least, but they have should exact the last is the least, but they have should exace all plantifully for it is principally with this view they for a specifically the their view they are asce. They should therefore be lapt open by stimulating applications.

If suc, have a remarkable effect in presenting a recurrence of this disease. They should be made on the upper part of the arm near the insertion of the dellies

muscle, and on the breast?

and irritating matter from the stormach;

of all kinds and excession again, maked

and ought to be abstained from.

(S) e more present to mention the remedies propor facility second a paper state. And finds of back, which with stage of the disease. Its various on botilules as the bounds florida, devices, So. may be used here:

(Mine is a very agreable and manageable stimuland; and one that should be employed when this a last of medicines is lindicated, and when it does not prove unfriendly, to the stomaches not prove unfriendly, to the stomaches.

Porter is highly entitled to our notice, as being a liquid which the stomach retained when all others are offensive to it. Of this, we have a construction from the case of Dodamith of Frincton bellege, mentioned by the late of Presh. He made it his sold deinty for several, mentby without receiving from it the slightest inconveniences.

Noids may be administered with a view, to think astringul operation, in combination with some of the remedies above mentioned; here the minual wints of = pear preferable, the best however is the state hourse.

Much benefit will be deriver from a light and control diet. The patient fore a ser to convalue end from others as a small greanly about of which who will not be often repedie; that an equable excites mend may be forevered in the domach air the system and suffer from the alternal for inclinitial and manition of that

